

CONTENTS

<i>Preface</i>	v
H. Fröhlich <i>Theory of Superconductivity State. I. The Ground State at the Absolute Zero of Temperature</i> <i>The Physical Review</i> , Vol. 79 , pp. 845-856 (1950).....	1
H. Fröhlich <i>Interaction of Electrons with Lattice Vibrations</i> <i>Proceedings of the Royal Society (London)</i> A215 , pp. 291-298 (1952)	13
H. Fröhlich <i>On the Theory of Superconductivity: The One-Dimensional Case.</i> <i>Proceedings of the Royal Society (London)</i> A223 , pp. 296-305 (1954)	21
M. R. Schafroth, S. T. Butler, and J. M. Blatt <i>Quasichemical Equilibrium Approach to Superconductivity</i> <i>Helvetica Physica Acta</i> , Vol. 30 , pp. 93-134 (1957).....	31
J. Bardeen, L. N. Cooper, and J. R. Schrieffer <i>Theory of Superconductivity</i> <i>The Physical Review</i> , Vol. 108 , pp. 1175-1204 (1957)	73
D. C. Mattis and J. Bardeen <i>Theory of the Anomalous Skin Effect in Normal and Superconducting Metals</i> <i>The Physical Review</i> , Vol. 111 , pp. 412-417 (1958).....	103
David Pines <i>Superconductivity in the Periodic System</i> <i>The Physical Review</i> , Vol. 109 , pp. 280-287 (1958)	110
J. G. Valatin <i>Comments on the Theory of Superconductivity</i> <i>Il Nuovo Cimento</i> , Vol. VII , pp. 843-857 (1958).....	118
Bernhard Mühlshlegel <i>The Thermodynamic Functions of the Superconductor</i> <i>Zeitschrift Für Physik</i> , Vol. 155 , pp. 313-327 (1959).....	133
M. R. Schafroth <i>Remarks on the Meissner Effect</i> <i>The Physical Review</i> , Vol. 111 , pp. 72-74 (1958)	147

G. Rickayzen, <i>Meissner Effect and Gauge Invariance.</i> <i>The Physical Review</i> , Vol. 111 , pp. 817-821 (1958)	150
P. W. Anderson <i>Coherent Excited States in the Theory of Superconductivity: Gauge Invariance and Meissner Effect</i> <i>The Physical Review</i> , Vol. 110 , pp. 827-835 (1958)	155
P. W. Anderson <i>Random-Phase Approximation in the Theory of Superconductivity</i> <i>The Physical Review</i> , Vol. 112 , pp. 1900-1916 (1958)	164
Gregor Wentzel <i>Diamagnetism of a Dense Electron Gas</i> <i>The Physical Review</i> , Vol. 108 , pp. 1593-1596 (1957)	181
Gregor Wentzel <i>Meissner Effect</i> <i>The Physical Review</i> , Vol. 111 , pp. 1488-1492 (1958)	185
H. Koppe and B. Mühlshlegel <i>On the Theory of Superconductivity</i> <i>Zeitschrift Für Physik</i> , Vol. 151 , pp. 613-629 (1958)	190
C. G. Kuper <i>The Theory of Superconductivity</i> <i>Advances in Physics</i> , Vol. 8 , pp. 1-44 (1959)	207
J. M. Blatt <i>The Meissner Effect in the Quasi-Chemical Equilibrium Theory of Superconductivity</i> <i>Progress of Theoretical Physics</i> , Vol. 24 , pp. 851-876 (1960) ..	251
N. N. Bogoliubov, V. V. Tolmachov, and D. V. Širkov <i>A New Method in the Theory of Superconductivity</i> <i>Fortschritte der Physik</i> , Vol. 6 , pp. 605-682 (1958)	278